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EIF1 Human

Eukaryotic Translation Initiation Factor 1 Human Recombinant
RCP0728

Product Overview

Name	EIF1 Human

Description

Eukaryotic Translation Initiation Factor 1 Human Recombinant

Accession (Primary)	P41567

Synonyms

A121, EIF-1, EIF1A, ISO1, SUI1, Eukaryotic translation initiation factor 1, eIF1, Protein translation factor SUI1 homolog, Sui1iso1, EIF1.

Introduction

EIF1 is important for scanning and plays a role in initiation site selection. EIF1 promotes the assembly of 48S ribosomal at the authentic initiation codon of a conventional capped mRNA.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The EIF1 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl, 1mM DTT and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWAGS MSA IQNLHSFDPF ADASKGDDLL PAGTEDYIHI RIQQRNGRKT LTTVQGIADD YDKKKLVKAF KKKFACNGTV IEHPEYGEVI QLQGDQRKNI CQFLVEIGLA KDDQLKVHGF.

Precautions

EIF1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (P41567)